

STYLET FOR USE WITH TISSUE MICROARRAYER AND MOLDS

Abstract

A stylet for use with an automatic tissue microarrayer is provided for arraying frozen tissue samples on a substrate. In one embodiment, the stylet comprises a stylet needle having a pushing surface for pushing either frozen tissue or embedding media out of a coring needle, and a connecting end. In another embodiment the stylet comprises a stylet body which comprises a stylet base for sliding along the length of the needle and a stylet cap for coupling to the connecting end of the stylet needle. In a further embodiment of the invention, the stylet base and stylet cap are separated from each other by a resilient element, such as a spring. Molds for generating component parts of the stylet are also provided.